

PATENT ABSTRACTS OF JAPAN

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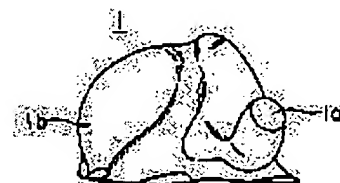
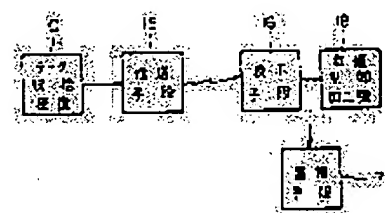
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(54) MANUFACTURE OF AURICULATE FORM FOR HEARING AID

(57)Abstract:

PURPOSE: To manufacture a product of high quality in a short time by calculating digital numeric information measuring the shape of a primary auriculate form picked with impression material and obtaining a secondary auriculate form made of plastic material with a numeric processing based upon the information.

CONSTITUTION: A primary auriculate form 1 is formed, so that it is fitted for the external auditory meatus or the auditory meatus and the auricle of a person, injecting viscous and plastic liquid resin to an external ear and taking out after it is caked within the external ear. Following that, dimension obtained from a device 10 that collects three-dimensional data and on which the auriculate 1 is placed and scanned is digitized and data is informed to a manufacturing shop by a wired or wireless transmission means 15. The data is received and displayed 16, and is checked and stored 17, and also, using a numerical control working machine 18, plastic raw material is automatically worked, the secondary auriculate being manufactured. Thereby, deformation or damage during the transportation of the primary auriculate form can be prevented and a delivery date being shortened.



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